

ABSTRACT

A multi-layer elastic flat-shaped article having a predefined shape, consisting of at least two outer layers made of a porous fibrous or filamentous batting, and at least one inner layer, disposed between and adherent to a pair of said at least two outer layers. The inner layer is applied as at least one adhesive skein forming a latticework configuration. The adhesive skein is formed of a thermoplastic having elastic properties at room temperature, and being adapted to recover its latticework configuration after tensile loading. The resulting article flat shaped article may be elastically stretched, and return to its original configuration. A preferred method for depositing the thermoplastic is a printing process, for example intaglio printing, flexoprinting or screen printing. Nozzles may also be used to extrude hot thermoplastic in a pattern defined by a relative movement of the outer layer or layers and the nozzle. The pattern may be continuous or interrupted.